

UNIVERSITY OF SOUTHERN CALIFORNIA
UNIVERSITY PARK
LOS ANGELES 7

November 2, 1948

Dr. J. Lederberg
Department of Genetics
University of Wisconsin
Madison 6, Wisconsin

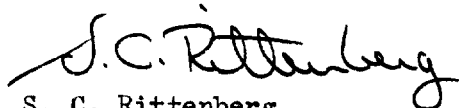
Dear Dr. Lederberg:

Under separate cover I am sending you three cultures labeled 34R, 91M, and 91M2, which are, respectively, a phage-resistant strain of organism 34 (Cholerae-suis), an arginine requiring strain of 91 (poona), plus a strain of 91 (S. poona) requiring arginine and a second unknown growth factor. I hope these will be of some value to you.

Please pardon the delay in sending off these cultures. We had a little trouble in getting the arginine mutant to grow. Mr. Oppenheimer left me two slants of this organism, one growing on the minimal medium plus arginine and the other growing on complete medium. Transfers from the culture on minimal medium to new slants of complete medium failed to grow. We finally got growth from our ^{culture} ~~growth~~ stored on the complete medium. I have not been able to recheck these strains before sending them out and it is possible that something has happened to them. I would advise you to recheck them before use.

There is nothing new to report on our work since I last wrote. We ran out of antisera, persons unknown mixed up our rabbits, and now we have the problem of getting new sera before work can proceed.

Yours sincerely,


S. C. Rittenberg

SCR:rt